FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

(OIPE stamp: MAR 27 2006)

Attorney Docket Number	56802/V165
Application Number	10/810,271
Filing Date	March 26, 2004
Applicant(s)	John S. Wang, et al.
Group Art Unit	2637
Examiner Name	Jacob M. Meek

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.[1]	DOCUMENT NUMBER Number - Kind Code[2] (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
TG		3,845,390	10-29-1974	De Jager et al.
TG		US 2002/0034222 A1	03-21-2002	Buchwald et al.

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T[6] (✓)
TG		WO 2005/034370 A2	04-14-2005	Big Bear Networks	
TG		WO 2005/034370 A3	09-29-2005	Big Bear Networks	

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
TG		Ding, Z., et al., "On The Admissibility Of Blind Adaptive Equalizers", Acoustics, Speech, and Signal Processing, 1990, ICASSP-90, 1990 International Conference on 3-6 April 1990, Vol. 3 (pgs. 1707-1710).
TG		Macchi, O., et al., "Convergence Analysis Of Self-Adaptive Equalizers", Information Theory,IEEE Transactions, Vol. 30, Issue 2, March 1984 (pgs. 161-176).
TG		Ungerboeck, G., "Nonlinear Equalization Of Binary Signals In Gaussian Noise", Communications, IEEE Transactions on [legacy, pre-1988] Vol. 19, Issue 6, Part 1, Dec. 1971 (pgs. 1128-1137).

EXAMINER SIGNATURE	/Temesghen Ghebretinsae/ (05/10/2006)	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. [3]Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6]Applicant is to place a check mark here if English Language Translation is attached.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DMC/rmw

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	56802/V165
Application Number	10/810,271
Filing Date	March 26, 2004
Applicant(s)	John S. Wang, et al.
Group Art Unit	2637
Examiner Name	Jacob M. Meek

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
TG		Dualibe, C., et al., "Embedded Fuzzy Control For Automatic Channel Equalization After Digital Transmissions", Circuits and Systems, 2001, ISCAS 2001. The 2001 IEEE International Symposium, Vol. 3, May 6-9, 2001 (pgs. 173-176).
TG		Wang, J., Office Action for U.S. Application No. 09/955,278, filed September 11, 2001, entitled "Method And Apparatus For Improved High-Speed Adaptive Equalization", Office Action Mailed December 13, 2005 (15 pgs.).
TG		Glentis, G.-O,., et al.," Efficient Least Squares Adaptive Algorithms For FIR Transversal Filtering", Signal Processing Magazine, IEEE Signal Processing Magazine, Vol. 16, Issue 4, July 1999 (pgs. 13-41).
TG		Glentis, G.-O.A., et al., "Fast Adaptive Algorithms For Multichannel Filtering And System Identification", IEEE Transactions on Signal Processing, Vol. 40, Issue 10, Oct. 1992 (pgs. 2433-2458).
TG		Qureshi, S.U.H., "Adaptive Equalization", Proceedings of the IEEE, Vol. 73, Issue 9, Sept. 1985 (pgs. 1349-1387).

RMW IRV1094845.1-*-03/22/06 1:02 PM

EXAMINER SIGNATURE	/Temesghen Ghebretinsae/(05/30/2006)	DATE CONSIDERED

DMC/rmw

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*		Application Number	To Be Assigned
		Filing Date	Herewith
		First Named Inventor	Wang, John S.
		Art Unit	To Be Assigned
		Examiner Name	To Be Assigned
Sheet	1 of 2	Attorney Docket Number	021795-000210US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No.¹	Document Number — Number Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TG	0001	US-6,545,567 B1	04-08-2003	Pavan et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Country Code³	Number⁴	Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁶
								☐
								☐
								☐
								☐
								☐
								☐
								☐
								☐
								☐
								☐

Examiner Signature	/Temesghen Ghebretinsae/	Date Considered (12/30/2006)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
60170287 v1

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*				Application Number	To Be Assigned
				Filing Date	Herewith
				First Named Inventor	Wang, John S.
				Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	2	of	2	Attorney Docket Number	021795-000210US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T [2]
TG	0002	Monteiro, P. et al. 40 Gbit/s Electrically Adjustable Post-detection Filter. [retrieved on 2004-03-19], Retrieved from the Internet: <URL: www.fub.it/atlas/TF_technical.doc>, 4 pages.	
TG	0003	Godard, D. (1980). "Self-Recovering Equalization and Carrier Tracking in Two-Dimensional Data Communication Systems," IEEE Transactions on Communications, Vol. Com-28, No. 11, 1867-1875.	

Examiner Signature	/Temesghen Ghebretinsae/	Date Considered	(05/30/2005)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.

60170287 v1